

DAMAGE SURVEY REPORT (DSR)
Emergency Watershed Protection Program – Recovery

Section 1A

Date of Report: 03/02/2006

DSR Number: 105-05-026K Project Number: _____

NRCS Entry Only

Eligible: YES ☒ NO ☐
Approved: YES ☒ NO ☐
Funding Priority Number (from Section 4) 1ade
Limited Resource Area: YES ☐ NO ☒

Section 1B Sponsor Information

Sponsor Name: Consolidated Gravity Drainage District #1

Address: P.O. Box 31

City/State/Zip: Hammond, LA 70404

Telephone Number: (985) 542-4292

Fax: (985) 345-1821

Section 1C Site Location Information

County: Tangipahoa

State: LA

Congressional District: 01

Latitude: see comments

Longitude: see comments

Section: 21,22,23 Township: 7S Range: 8E

UTM Coordinates: 15

Drainage Name: W12-M Cow Branch

Reach: 5,270 Ft.

Damage Description: Debris is reducing the capacity of Channel. Drainage is severely impeded. Debris consists mostly of trees.

Section 1D Site Evaluation

All answers in this Section must be YES in order to be eligible for EWP assistance.

Site Eligibility	YES	NO	Remarks
Damage was a result of a natural disaster?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hurricane Katrina - August 29, 2005
Recovery measures would be for runoff retardation or soil erosion prevention?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Threat to life and/or property?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Event caused a sudden impairment in the watershed?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Imminent threat was created by this event?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
For structural repairs, not repaired twice within ten years?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Site Defensibility			
Economic, environmental, and social documentation adequate to warrant action (Go to pages 3, 4, 5 and 6 ***)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Proposed action technically viable? (Go to Page 9 ***)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Have all the appropriate steps been taken to ensure that all segments of the affected population have been informed of the EWP program and its possible effects? YES ☒ NO ☐

Comments: start: N 30.4074, W 90.2943
end: N 30.42003, W 90.29626

* Statutory

** Regulation

*** DSR Pages 3 through 5 are required to support the decisions recorded on this summary page. If additional space is needed on this or any other page in this form, add appropriate pages.

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Section 1E Proposed Action

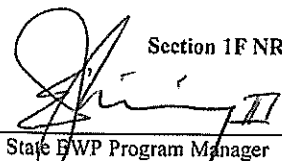
Describe the preferred alternative from Findings: Section 5 A:

Proposed Action- Debris removal with conventional equipment from channel and banks. Dispose on drainage District #1 right-of-way. Work one side only..

Total installation cost identified in this DSR: Section 3: \$ _____

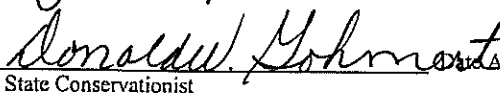
Section 1F NRCS State Office Review and Approval

Reviewed By:


State EWP Program Manager

Date Reviewed: 3/23/06

Approved By:


State Conservationist

Date Approved: 3/24/06

PRIVACY ACT AND PUBLIC BURDEN STATEMENT

NOTE: The following statement is made in accordance with the Privacy Act of 1974, (5 U.S.C. 552a) and the Paperwork Reduction Act of 1995, as amended. The authority for requesting the following information is 7 CFR 624 (EWP) and Section 216 of the Flood Control Act of 1950, Public Law 81-516, 33 U.S.C. 701b-1; and Section 403 of the Agricultural Credit Act of 1978, Public Law 95334, as amended by Section 382, of the Federal Agriculture Improvement and Reform Act of 1996, Public Law 104-127, 16 U.S.C. 2203. EWP, through local sponsors, provides emergency measures for runoff retardation and erosion control to areas where a sudden impairment of a watershed threatens life or property. The Secretary of Agriculture has delegated the administration of EWP to the Chief of NRCS on state, tribal and private lands.

Signing this form indicates the sponsor concurs and agrees to provide the regional cost-share to implement the EWP recovery measure(s) determined eligible by NRCS under the terms and conditions of the program authority. Failure to provide a signature will result in the applicant being unable to apply for or receive a grant the applicable program authorities. Once signed by the sponsor, this information may not be provided to other agencies, IRS, Department of Justice, or other State or Federal Law Enforcement agencies, and in response to a court or administrative tribunal.

The provisions of criminal and civil fraud statutes, including 18 U.S.C. 286, 287, 371, 641, 651, 1001; 15 U.S.C. 714m; and 31 U.S.C. 3729 may also be applicable to the information provided. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0578-0030. The time required to complete this information collection is estimated to average 117/1.96 minutes/hours per response, including the time for reviewing instructions, searching existing data sources, field reviews, gathering, designing, and maintaining the data needed, and completing and reviewing the collection information.

USDA NONDISCRIMINATION STATEMENT

"The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202)720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW., Washington, DC 20250-9410, or call (800)795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

Civil Rights Statement of Assurance

The program or activities conducted under this agreement will be in compliance with the nondiscrimination provisions contained in the Titles VI and VII of the Civil Rights Act of 1964, as amended; the Civil Rights Restoration Act of 1987 (Public Law 100-259); and other nondiscrimination statutes: namely, Section 504 of the Rehabilitation Act of 1973, Title IX of the Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. They will also be in accordance with regulations of the Secretary of Agriculture (7 CFR 15, 15a, and 15b), which provide that no person in the United States shall on the grounds of race, color, national origin, gender, religion, age or disability, be excluded from participation in, be denied the benefits of, or otherwise subjected to discrimination under any program or activity receiving Federal financial assistance from the U.S. Department of Agriculture or any agency thereof.

Section 2 Environmental Evaluation

2A Resource Concerns	2B Existing Condition	2C Alternative Designation		
		Proposed Action	No Action	Alternative
		Debris removal with conventional equipment from channel and banks. Disposal on Drain, Dist. #1 ROW. Work one side only.	Leave debris in stream	Removal of debris from channel and banks. Haul all debris to approved disposal areas.
2D Effects of Alternatives				
Soil				
Bank erosion	est 20 % steep w/ bare areas & tree uprooting	reduce bank erosion-removing uprooted trees/natural reveget	est 20 % steep w/ bare areas & tree uprooting	reduce bank erosion-removing uprooted trees/natural revegetation
Water				
DO/BOD	Decreased DO/ increased BOD blockage to water	restore DO/BOD similar to prestorm	continued decrease in DO/ increase in BOD	restore DO/BOD similar to prestorm
Overall Stream Health	SVAP = 5.9= poor	SVAP would increase > 5.9 - likely to reach fair condition	SVAP would continue to decrease < 5.9	SVAP would increase >5.9 - likely to reach fair condition
Air				
Air quality	Existing condition not impacting air quality	No impact to air quality	No impact to air quality	No impact to air quality
Plant				
Aquatic plant community	declining from debris with few species present in limited numb	allow community to reestablish similar to prestorm	continued decline/change in plant community	allow community to reestablish similar to prestorm
Riparian habitat	abundant habitat some areas sparse in others- broken trees	Habitat removal for equipment access - beneficial in longterm	The risk of flood damage increases - channel blockage	beneficial in longterm bc reduced risk of flooding
Animal				
Aquatic animals	fish abundant along reach	maintain fish abundance & eliminate barriers of storm debris	Continued decline in aquatic animal life, impact movement	maintain fish abundance & eliminate barriers of storm debris
Forest animals	Ecosystem supports abundant wildlife -mammals, birds, etc	Temporary/negligible effect due to habitat removal for access	Longterm risks associated with increased of channel flood	beneficial in longterm bc reduced risk of flooding
Other				
Stream aesthetics	Aesthetic quality decreased by debris and stagnant water	Improve by removing debris	Aesthetic quality decreased by debris and stagnant water	Improved by removing debris
Riparian aesthetic quality	High aesthetic value w/slight impact -broken trees	Temp decrease at access	Decrease in longterm from cumulative impacts of debris	beneficial in longterm
Vector	Increased insect abundance due to stagnant water	Reduce stagnant/breeding	Increased insect abundance due to stagnant water	Reduce stagnant/breeding

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Section 2E Special Environmental Concerns

Resource Consideration	Existing Condition	Alternatives and Effects		
		Proposed Action	No Action	Alternative
Clean Water Act Waters of the U.S.	CWA jurisdiction - debris in channel affects water flow and water quality	CWA permit required - improve water quality and restore hydrology	Continued decrease in water quality w/ debris decomposition and altered hydrology	CWA permit required - improve water quality and restore hydrology
Coastal Zone Management Areas	Located in the Coastal Zone	Consistency Authorization	Located in the Coastal Zone	Consistency Authorization
Coral Reefs	N/A	N/A	N/A	N/A
Cultural Resources	(FOTG) none observed on-site	(FOTG) none observed on-site	(FOTG) none observed on-site	(FOTG) none observed on-site
Endangered and Threatened Species	None observed, 6 known and 2 possible T&E species listed for Parish in FOTG -	None observed, 6 known and 2 possible T&E species listed for Parish in FOTG -	None observed, 6 known and 2 possible T&E species listed for Parish in FOTG -	None observed, 6 known and 2 possible T&E species listed for Parish in FOTG -
Environmental Justice	N/A	N/A	N/A	N/A
Essential Fish Habitat	(FOTG) No EFH - reference NOAA	(FOTG) No EFH	(FOTG) No EFH	(FOTG) No EFH
Fish and Wildlife Coordination	State level review by project type with USFWS&LDWF; Consultation not required for debris removal.	State level review by project type with USFWS&LDWF; Consultation not required and high numbered.	State level review by project type with USFWS&LDWF; Consultation not required.	State level review by project type with USFWS&LDWF; Consultation not required.
Floodplain Management	Located in 100-year flood plain. Potential impairment of function.	site located within 100-year floodplain restored to prestorm condition	Located in 100-year flood plain. Potential impairment of function.	site located within 100-year floodplain restored to prestorm condition
Invasive Species	Tallow trees	No effect	No effect	No effect
Migratory Birds	Abundant habitat - many observed during site visit along some points of reach	Proposed action will not have a significant adverse effect on habitat or population	Excess debris contributes to increased flooding and decreased habitat quality	No adverse effect on habitat during removal.
Natural Areas	(FOTG) None present	(FOTG) None present	(FOTG) None present	(FOTG) None present
Prime and Unique Farmlands	(FOTG) None present	N/A	N/A	N/A
Riparian Areas	Riparian habitat potential of be impacted by flooding due to debris accumulation	Riparian habitat improved by debris removal although decrease at access points	Riparian habitat potential of be impacted by flooding due to debris accumulation	Riparian habitat improved by debris removal although decrease at access points
Scenic Beauty	(FOTG) None present - no designated areas of Scenic Beauty within project area	N/A	N/A	N/A
Wetlands	Open water containing debris. Emergent/wooded wetlands possible, not noted at visit	Debris removed from open water and adjacent to stream. Wetlands not adversely impacted.	Open water containing debris. Emergent/wooded wetlands possible/may be at risk 4 flood	Debris removed from open water and adjacent to stream. Wetlands not adversely impact
Wild and Scenic Rivers	(FOTG) (LDWF scenic streams list) Not listed	(FOTG) (LDWF scenic streams list) Not listed	(FOTG) (LDWF scenic streams list) Not listed	(FOTG) (LDWF scenic streams list) Not listed

Completed By: Monica Wallace

Date: 03/03/2006

Section 2G Social Consideration This section must be completed by each alternative considered

(attach additional sheets as necessary).

	YES	NO	Remarks
Has there been a loss of life as a result of the watershed impairment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is there the potential for loss of life due to damages from the watershed impairment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Has access to a hospital or medical facility been impaired by watershed impairment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Yes - many downed trees blocking access
Has the community as a whole been adversely impacted by the watershed impairment (life and property ceases to operate in a normal capacity)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Impairment increased flooding impacts throughout the community
Is there a lack or has there been a reduction of public safety due to watershed impairment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

Completed By: Mike Mullenex Date: 03/02/2006

DSR NO: _____
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Section 2H Group Representation and Disability Information

This section is completed only for the preferred alternative selected.

Group Representation	Number
American Indian/Alaska Native Female Hispanic	
American Indian/Alaska Native Female Non-Hispanic	
American Indian/Alaska Native Male Hispanic	
American Indian/Alaska Native Male Non-Hispanic	
Asian Female Hispanic	
Asian Female Non-Hispanic	
Asian Male Hispanic	
Asian Male Non-Hispanic	
Black or African American Female Hispanic	
Black or African American Female Non-Hispanic	8
Black or African American Male Hispanic	
Black or African American Male Non-Hispanic	7
Hawaiian Native/Pacific Islander Female Hispanic	
Hawaiian Native/Pacific Islander Female Non-Hispanic	
Hawaiian Native/Pacific Islander Male Hispanic	
Hawaiian Native/Pacific Islander Male Non-Hispanic	
White Female Hispanic	1
White Female Non-Hispanic	19
White Male Hispanic	1
White Male Non-Hispanic	17
Total Group	53

Census tract(s) Tangipahoa Parish Census Data

Completed By: Mike Mullenex Date: 03/02/2006

7 Houses
8 Trailers
15 Homes
3.5 people/house
53 people

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Section 2I. Required consultation or coordination between the lead agency and/or the RFO and another governmental unit including tribes:

Easements, permissions, or permits:

Access permission will be required.

CWA permit prior to debris removal in channel (COE).

Water Quality Certification (LDEQ)

Consistency Authorization(LDNR CMD)

Mitigation Description:

Access debris from only one side of channel, may alternate sides of channel as appropriate to minimize work related damages/disturbances and costs. Work should be conducted along channel at access points with consideration given to the existing riparian ecosystem and residential area to minimize work related damages and disturbances. Reseeding will be used to reestablish vegetation in disturbed areas susceptible to high amounts of erosion. Debris removal will be conducted during consecutive days to minimize disturbance to surrounding wildlife and residents.

Agencies, persons, and references consulted, or to be consulted:

COE
LDEQ
LDWF
LDNR CMD

St. Tammany Parish Government
Private landowners

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Section 4 NRCS EWP Funding Priority

Complete the following section to compute the funding priority for the recovery measures in this application (see instructions on page 10).

Priority Ranking Criteria	Yes	No		Ranking Number Plus Modifier
1. Is this an exigency situation?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		1 a, d, e
2. Is this a site where there is serious, but not immediate threat to human life?	<input type="checkbox"/>	<input type="checkbox"/>		
3. Is this a site where buildings, utilities, or other important infrastructure components are threatened?	<input type="checkbox"/>	<input type="checkbox"/>		
4. Is this site a funding priority established by the NRCS Chief?	<input type="checkbox"/>	<input type="checkbox"/>		
The following are modifiers for the above criteria			Modifier	
a. Will the proposed action or alternatives protect or conserve federally-listed threatened and endangered species or critical habitat?			a	
b. Will the proposed action or alternatives protect or conserve cultural sites listed on the National Register of Historic Places?				
c. Will the proposed action or alternatives protect or conserve prime or important farmland?				
d. Will the proposed action or alternatives protect or conserve existing wetlands?			d	
e. Will the proposed action or alternatives maintain or improve current water quality conditions?			e	
f. Will the proposed action or alternatives protect or conserve unique habitat, including but not limited to, areas inhabited by State-listed species, fish and wildlife management area, or State identified sensitive habitats?				

Enter priority computation in Section 1A, NRCS Entry, Funding priority number.

Remarks:

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Section 5A Findings

Finding: Indicate the preferred alternative from Section 2 (Enter to Section 1E):

The proposed Action is described in Section 1E. The proposed action is the preferred alternative. The proposed action is the least costly alternative that achieves the restoration objectives, maximizes environmental benefits, and is socially acceptable.

I have considered the effects of the action and the alternatives on the Environmental Economic, Social; the Special Environmental Concerns; and the extraordinary circumstances (40 CFR 1508.27).

☒ Has been sufficiently analyzed in the EWP PEIS (reference all that apply)
Chapter 5.2.2.1.2
Chapter _____
Chapter _____
Chapter _____
Chapter _____

_____ May require the preparation of an environmental assessment or environmental impact statement.
The action will be referred to the NRCS State Office on this date:

NRCS representative of the DSR team

Title: Soil Conservationist

Date: 03/02/2006

[Signature]
DC Admin. 3/20/06

Section 5B Comments:

Section 5C

Sponsor Concurrence:

Sponsor Representative

[Signature]

Title: Administrator

Date: 03/21/06

Section 6 Attachments:

- A. Location Map
- B. Site Plan or Sketches
- C. Other (explain)

TOPO MAP
DSR 105-05-026K
W12 Main Cow Branch
Tangipahoa Parish
Estimated Total Reach Length 5,270 LF

